STATEMENT OF WORK CMR- service area Bathroom Chief of Mission Residence OBO # 042 U.S. EMBASSY KHARTOUM, SUDAN

1. Description of Services: Description of Services:

The US Embassy, Khartoum has a requirement to renovate the service area bathroom in the Chief of mission Residence (CMR), known as OBO # 042 in Khartoum 1, Khartoum. The works shall be done as per drawings, scope of work, specifications and General contract conditions. This project requires an experienced contractor to design and execute the job.

The Contractor shall provide all labor, material tools, equipment, supervision and other related items required to the complete the project as per scope of work, specifications and attached drawings.

Contractors are advised to visit the site, verify the existing site conditions to develop their proposal.

2. Scope of work

The general scope of work for each apartment can be summarized as follows:

- 1. Demolition/Removal of floor and wall tiles,
- 2. Remove of all the old plumbing and electrical outlets, conduits, fixtures, etc
- 3. Water proof the flooring
- 4. Install the new plumbing pipes, connections, fixtures
- 5. Install the new electrical fixtures, conduits, pipes ... etc
- 6. Install of new aluminum window
- 7. Installation of gypsum board suspended ceilings.
- 8. Installation of ceramic tiles for walls & floors.
- 9. Installation of glass blocks partition, between the shower and the sink area
- 10. Complete interior paint work for the ceiling
- 11. Complete rough-in & finish work for the plumbing system of the bathroom.
- 12. Complete rough-in & finish work for lighting electrical works.
- 13. Install a new 12 inch exhaust fan.

3. Statement of work

A- Demolition

- 1. Remove ceramic tiles on the wall surfaces of the bathroom as shown from floor to drop ceiling level.
- 2. Remove floor ceramic tiles as shown.
- 3 Chisel as required on walls of the plastered and painted walls to allow the new tiles installation
- 4 Chisel as required on walls and floors for the plumbing and electric conduit runs as shown
- 5 Remove the bathroom sink, toilet, electrical and plumbing fixtures and all related plumbing jobs
- 6 Remove all electrical outlets and water heater.

- The contractor shall maintain existing utilities indicated to remain and protect them against damage during the demolition operations. Damages caused by demolition and renovation operations, shall be repaired by the contractor at no additional cost to the Government.
- 3 The contractor shall transport from site all debris, rubbish, and materials resulting from demolition operations and dispose off site on a daily basis in accordance with local regulations.

B- Gypsum board suspended ceilings

- B.1 The extent of the Gypsum board ceiling work is as shown on the drawings and listed herein:
- B.1.1 Bathroom ceiling: Replace existing gypsum board ceiling with Gypsum ceiling, cast in place with high water resistant type The thickness of the gypsum board shall be 12 mm.

The contractor shall paint the ceiling with high quality water resistant semi-Gloss white paint as **Jotun** Fenomastic Emulsion Gold or equally approved

- B.1.2 The contractor shall install gypsum Cornish molds between the upper row of tiles and the gypsum board ceiling
- **B.2** The contractor shall provide all labor, materials, equipment and services required to perform the work of this section.
- **B.3** Contractor shall refer to the lighting drawing attached for the location of the light fixtures to avoid interference with the metal studs of the ceiling.

C- Tile works

C.1 The extent of tile work is as shown on the drawings and includes ceramic tiles for the floor and the walls of the bathroom.

The contractor shall install glass blocks between the sink and the shower area, the glass blocks shall be cloudy color, the size of each block shall be 20 cm X 20 cm. The size of the glass blocks shall be 65 cm X 2 meters high.

C.2 Job Condition

The installer must examine the substrate and the condition under which tiles are to be installed. Do not proceed with work until unsatisfactory conditions have been corrected.

C.3 Submittals

The contractor shall submit **five days after contract award**, several color samples for the ceramic tiles, decorative tiles, and the edges and corners for the selection and approval of the COR.

C.4 Products

C.4.1 Ceramic tiles for walls: manufactured by "Cleopatra" or "El Gawhara", Vogue Ivory & "Vogue anth" brand or equal approved, minimum size of 600 x 300 mm.

- C.4.2 Ceramic tiles for floors: manufactured by "Cleopatra" or "El Gawhara" or equal, Mono color brand white color or equal approved especially for floors, minimum size of 300 x 300 mm.
- C.4.5 Mortar: Portland cement and sand mortar, ratios are 1:3 by volume.
- C.4.6 Thin set mortar or tile adhesive: Readymade, for installing ceramic on top of existing mosaic tiles, or on plastered surfaces product of Scib, or equal approved.
- C.4.7 Grout: white cement.

C.5 Execution

- C.5.1 Lay tiles from the centerline of each space outward so as to obtain border tile of equal width and larger dimension.
- C.5.2 Lay tiles in grid pattern. Align joints if adjoining tiles on floor and walls are the same size. Joints shall be uniform in width.
- C.5.3 Set tile firmly on the mortar bed. Strings or pegs may be used to space tiles that have no spacers. Bring all surfaces to a true plane at the proper position or elevation. Thoroughly beat-in all tiles while the mortar bed is still plastic.
- C.5.4 Make adjustment of tile before initial set of the mortar takes place.
- C.5.6 Terminate work neatly at obstructions, edges, and corners without disturbing the pattern or joint alignment.
- C.5.7 Grouting: before grouting, wet the joints between tiles if tiles have become dry, force a maximum amount of grout into the joints, and fill all gaps and skips. The finished grout shall be uniform in color, smooth, and without voids, pinholes or low spots.
- C.5.8 Cleaning: Upon completion of installation, clean all tile surfaces so they are free of foreign matter and leave finished installation clean and free of cracked, chipped, broken, non-bonded, or otherwise defective tile work.

D- Plumbing Works

- **D.1** The extent of the plumbing work shall include all the rough-in and the finished plumbing work for the entire bathroom as detailed below:
- A. Install the required supply & drainage for the sink and the toilet and the shower in their new locations as shown in diagram.
- B. Install a new hot & cold water supply piping network to sink and the shower fixtures. The work includes changing the existing pipes into new PPR pipes.
- C. Install all bathrooms mixers and accessories as marked and shown on drawings.
- D. Install floor "Glee trap" to collect the effluent water
- E. Clean all the bathroom existing exterior "glee Trap" and manholes adjacent to the west wall.

D.2 Products:

The contractor shall furnish:

PPR Pipes: for hot & cold water supply, PN 20 **Polyvinyl Chloride (PVC):** for waste water

Valves: Built-in valves, Grohe or approved equal.

Bathroom sink and toilet: "Villeroy Boch" Gustavesburg, Omnia brand or equal approved.

Floor trap: stainless steel of good quality with a high quality durable stainless cover

Sink mixer: Grohe, Eurostyle brand

Shower mixer and head: Grohe, Euphoria brand, with shower bar and soap holder

D.3 Execution

D.3.1 Pipes, joints & fittings

- 1. Install the pipes, fittings & joints to connect to the existing system in the same installation method and following the instructions listed below.
- 2. Install pipes, joints & fittings, in accordance with recognized industry practices which will achieve permanently leak proof piping systems, capable of performing each indicated service without piping failure. Install each run with minimum joints and couplings, but with adequate and accessible unions for disassembly and maintenance/replacement of valves and equipment. Align piping accurately at connections, within 2 mm (1/16") misalignment tolerance.
- 3. Locate piping runs except as otherwise indicated, vertically and horizontally (pitched to drain) and avoid diagonal runs wherever possible. Orient horizontal runs parallel with walls and column lines.
- 4. Clean exterior surfaces of installed piping system of superfluous materials. During construction, properly cap all lines and equipment nozzles so as to prevent the entrance of sand, dirt, etc. Each system of piping to be flushed prior to testing for the purpose of removing grit, dirt, sand, etc., from the piping for as long as time is required to thoroughly clean the system.
- 5. In erecting pipe, friction wrenches and risers shall be used exclusively; any pipe cut, dented or otherwise damaged shall be replaced.

D.3.2 Plumbing fixtures and accessories

- Install plumbing fixtures and accessories as indicated, in accordance with manufacturer's
 written instructions, applicable codes and regulations, and in accordance with recognized
 industry practices to ensure that installation complies with requirements and serves
 intended function.
- Protect the installed showers and bathtubs with rigid plywood covers right after the installation to protect from any damage during the installation of the ceramic tiles and other finished activities.
- 3. Fasten plumbing fixtures securely to supports on building structure. Secure water supplies behind or within wall construction to provide rapid installation.
- 4. Provide a stop valve in an accessible location in the water connection to each fixture
- 5. Seal (caulk) all fixtures to walls and floors using G.E. silicone sealant. Match sealant color to fixture color.
- 6. Replace washers of leaking or dripping faucets and stops.
- 7. Clean fixtures, trim, and strainers using manufacturers recommended cleaning methods and materials.

- 8. Upon completion of installation of plumbing fixtures and trim, and after fixtures are water pressurized, test fixture to demonstrate compliance with requirements. Where possible correct malfunctioning units, retest to demonstrate compliance, otherwise remove and replace with new equipment and retest at no cost to Owner.
- 9. Apply the proper joint sealant and silicone for all joints around all the finished fixtures and accessories as required to provide sealed installations.

E- Electrical Works

E.1 The extent of the electric work shall include all the rough-in and the finished electric work for the entire kitchen as detailed below:

The contractor shall furnish and install, including all the wiring, conduits and switches.

- 2 recessed lighting fixtures (6 inch), with Compact fluorescent bulbs (13-15 W)
- 1 GCFI receptacles- 220 V- 13 Amp- furnished by the USG
- Two -13 Amps- 220 V- receptacles for the exhaust fan and the water heater
- 1 exhaust fan 12 inch in diameter
- 1 light switch
- The receptacles and light fixtures shall be of high quality and approved by the COR before installation.

E.2 General

- 2.1 Do not scale from the layout drawings, work according to architectural drawings unless otherwise indicated .
- 2.2 All equipment layouts are provisional. Final layouts are to be determined by the contractor after coordination with other trades .
- 2.3 Conductors for lighting circuits shall be in general 3 mm2 & protected by 16 amps. Circuit breakers unless otherwise indicated .
- 2.4 Conductors for receptacles outlets circuits shall be in general 4 mm2 & protected by 20 amp circuit breakers unless otherwise indicated .
- 2.5 Protective earth conductors are not indicated on the drawings, but are to be run with all circuits in accordance with the NEC 70 (article 250).
- 2.6 All lighting switches and receptacles outlets located in general areas shall be installed at 1200 & 450mm above F.F.L. respectively. Lighting switches shall be mounted inside the room on the side of the door handle within 200mm from door frame unless otherwise indicated .
- 2.7 All receptacles outlets in wet areas, stores shall be mounted at 1200 A.F.F.L unless otherwise shown.
- 2.8 The contractor shall coordinate all works with other trades and services and incorporate all their exact and final requirements .
- 2.9 In the absence of any indication on the drawings or in the specifications, the installations are to be in accordance with NEC 70.
- 2.10 All receptacles in wet areas shall be protected from a ground fault current interrupter GFCI 30mA.

2.11 Equipment ampere ratings are for continuous operation in 50 C ambient temperature outdoors, or in non-air conditional space indoor and 40 C in air-conditioned spaces unless otherwise noted.

3 Products

- 3.1 All materials will be supplied and installed by the contractor. Other than what is listed on the attached sheet, the contractor shall be responsible for furnishing any other materials to finish the required work stated herein.
- 1. Light fixtures (as specified on the drawings)
- 2. Wiring devices, products of (Legrand, Gewiss), or equal approved
- 3. Wires and cables, products of (El Sewedy), or equal approved
- 4. Conduits and boxes, products of (Engineering home) or equal approved

E.4 Execution

- 4.1 The work will be performed according to approved shop drawings. Any changes due to field condition are to be discussed with the COR.
- 4.2 Conduit joints shall be made by brushing plastic solvent cement on insides of plastic coupling fittings and on outsides of duct ends. Each duct and fitting shall be slipped together with a quick 1/4 turn twist to set the joint tightly.
- 4.3 A 1/4 nylon or polypropylene pulling rope shall be pulled in each unused or spare conduit.
- 4.4 All conduits shall be rigid PVC conduit.
- 4.5 Field-made bends and offsets shall be made with an approved conduit air heaters or a special fittings can be used. Crushed or deformed raceways shall not be installed.
- 4.6 Conduits shall be securely and rigidly fastened in place at intervals of not more than 2 meters and within 300 mm of boxes, cabinets, and fittings with approved wall brackets, conduit clamps, conduit hangers or ceiling trapeze.
- 4.7 Conduits shall be fastened to boxes and cabinets with connectors, locknuts and bushings.
- 4.8 Exposed raceways shall be installed parallel or perpendicular to walls or structural members.
- 4.9 Power raceways shall not contain more than four 90-degree bends or the equivalent in any one run. Communication raceways shall not contain more than two 90-degree bends or the equivalent in any one run.
- 4.10 A conduit-coupling fitting, threaded on the inside, shall be installed flush with the finish floor.
- 4.11 The bottom of boxes installed in ceramic tiles for concealed wiring shall be mounted flush with the tiles and at edges of the tiles to minimize cutting of tiles.
- 4.12 Color-coding shall be provided for service, feeder, branch and ground conductors. Color shall be green for grounding conductors and white for neutrals. Grounding conductor shall be bare copper, except where installed in conduit with associated phase conductors. Insulated conductors shall be of the same material as phase conductors and green color coded.

- 4.13 When the installation is complete, the conduits shall be sealed with approved sealing compound.
- 4.14 Provide expansion connector for every expansion joint in the building.
- 4.15 Conductor phase and voltage identification shall be made by color-coded insulation. Conductors with black insulation may be furnished and identified by the use of half-lapped bands of colored electrical tape wrapped around the insulation for all entire length inside power panels and boxes. Phase identification shall be maintained continuously for the length of a circuit, including junctions.
- 4.16 The color coding for 3-phase low voltage system shall be as follows: Red (A), Yellow (B), and Blue(C).
- 4.17 The feeders shall be tagged to indicate the electrical characteristics (voltage, HZ, cable size, circuit number and panel designation).
- 4.18 Control circuit conductors shall be identified by color-coded insulation (black color-coded) and marked by numbers.
- 4.19 All wires and C.B.'s inside power panels shall be marked by numbers.
- 4.20 All wires inside light fixtures, receptacles, disconnect switches and boxes shall be marked with circuit numbers and panel configuration.
- 4.21 All power panels shall be provided with circuit directory card to indicate clearly circuit no., CB size, wire size and load.
- 4.22 All power panels, disconnect switches... etc, shall be tagged with labels.

5 Test:

- 5.1 Megger test for cables and wires.
- 5.2 Performance test for light fixtures

F- Aluminum doors and windows

1 Summary of Work

Work covers the replacement of the bathroom door and window as detailed below:

- 1. Remove existing door.
- 2. Install new door (2m X 1 m.) and window (0.3 X 0.3 m) complete with hardware, units shall be double-glazed, hinged, sliding, tilted or fixed as specified.

2 Submittals

- 2.1 The contractors shall submit, as part of their bid:
 - 1. Manufacturer's specifications, technical data, and standard cross sections.
 - 2. Technical data for all hardware items.

- 2.2 The contractor shall submit <u>10 days after contract award</u>, shop drawings for the fabrication and installation of each window and balcony type, include plans, elevations, sections, details, hardware, attachments to other work, operational clearances and include the following:
 - 1. Aluminum windows, frames, screen panels and fixed panels.
 - 2. Flashing and drainage details
 - 3. Weather-stripping details
 - 4. Glazing details
 - 5. Window system operators: show locations, mounting, and details for installing operator components and controls.
 - 6. Methods of attaching all components to the existing frames, trimming and finishing.
- 2.3 The contractor shall submit, <u>after final completion and acceptance of the work,</u> the warranty certificate

3 Quality Assurance

- 3.1 Aluminum units: Provide units produced by a firm with not less than five years of successful experience in the fabrication of Aluminum doors, windows, screens and frames, of the types required for this project. All work shall meet UBC and local code requirements for wind loads and seismic zone 2A, earthquakes.
- 3.2 Weather resistance: Fabricate windows, frames, and screen panels, to include weather stripping and thresholds to prevent the uncontrolled penetration of air and water under normal weather conditions from the interior and the exterior. Glass shall be sealed into the window frame from outside to provide full insulation. Provisions for condensation water drainage should be included.
- 3.3 The contractor shall take field measurements prior to preparation of shop drawings and fabrication to ensure proper installation and fit.

4 Products

Products of "*Technal, Jumbo*" or equal approved as specified below:

- 4.1 <u>Aluminum profiles</u>: Sections and profiles shall be made of extruded aluminum alloys free from defects impairing strength or appearance, medium weight systems, 1.7 mm thickness, frame. Depth and profiles as recommended by manufacturer for system, strength, corrosion resistance, and application of required finish.
 - Provisions for condensation drainage should be included in the profiles
- 4.2 Fasteners: Galvanized, aluminum, non-magnetic stainless steel or other non-corrosive metal fasteners, color to match, guaranteed by the manufacturer to be compatible with the windows, frames, screens, hardware, anchors and other items being fastened. Do not use exposed fasteners except where unavoidable for the assembly of units, and unavoidable for the application of hardware. Provide only concealed screws in glazing stops.
- 4.3 <u>Compression weather-stripping</u>: Provide manufacturer's standard replaceable stripping of EPDM gaskets complying with ASTM, including central, lateral, and glass beading

- gaskets, as recommended and guaranteed by the manufacturer to remain permanently elastic, non-shrinking, non-migrating and weatherproofed for the life of the building.
- 4.4 <u>Glazing</u> shall be double, 6mm thick, clear float glass.
- 4.5 Finish and colors: Powder coated, electrostatic, brown color.
- 4.6 <u>Accessories & hardware</u>: Anti-rust, of the best quality available, Aluminum, stainless steel, carbon steel or other corrosion resistant material, designed to smoothly operate, tightly close, and securely lock windows.
 - For hinged and fixed units: Heavy duty hinges, locks in door leafs, locking gear and plates, Pull handles, limit stop and cylinder in door leaf
 - For sliding systems: Heavy duty nylon rollers, latch lock self closing in window leaf and manual closing in doors.
- 4.7 <u>Wooden frames</u>: softwood, dry, free from decay and insect attack, with no knots wider than half the width of the section

5 Fabrication

- 5.1 Sizes and profiles: The required sizes for windows, and the profile requirements are stated herein and shown on the drawings.
- 5.2 Verify all windows and balcony openings by field measurements prior to fabrication and indicate measurements on the shop drawings.
- 5.3 To the greatest extent possible, complete fabrication, assembly, finishing, hardware application, and other work shall be completed before shipment to project site.

 Disassemble components only as necessary for shipment and installation. All corners, meeting stiles/rails shall be mitered square and reinforced. All frames shall be pre-cut to receive hardware.
- 5.4. Glazing: Fabricate window units with glazing stops & supports to provide a completely sealed unit, weather tight & water tight. Glazing shall be double.

6 Execution

- 6.1 Installation, general: Comply with manufacturer's specifications and recommendations for the installation of the panels, accessories, hardware, etc. Maintain continuity of line and accurate relation of planes and angles. Install in accordance with the manufacturer's installation instructions and the approved shop drawings.
- 6.2 Aluminum frames should be installed using liquid foam around the frames to provide water & air tight units. Trims should be installed either as part of the frame section or separately to provide finished surrounding for the units.
- 6.3 All jambs, head and sill shall be set in correct locations, level, square, plumb and in alignment with other work. .
- 6.4 Drill and tap frames and doors and apply surface mounted hardware items, complying with hardware manufacturer's and template requirements. Use concealed fasteners wherever possible.
- 6.5 Adjust operating hardware to function properly, without binding, and to provide tight fit at contact points and weather stripping.
- 6.6 Glass and Glazing: Water-tight and airtight installation of glass product required. Each installation must withstand normal temperature changes, wind loading, impact loading,

without failure including loss or breakage of glass, failure of sealants or gaskets to remain watertight and airtight, deterioration of glazing materials and other defects in the work.

6.7 Clean complete system, inside and outside, promptly after installation of glass and sealants. Exercise care to avoid damage to the finish. Remove excess glazing and sealant compounds, dirt and other substances.

Conditions of Contract

1. General

This is a firm fixed price turnkey job for the entire work and amount quoted shall include all work described in attached drawing, scope of work and general condition of contract. The lump sum price quoted shall be fixed and nothing extra will be entertained on any account.

Contractor's staff is subject to such restriction for entry and exit as are required by the Embassy's security requirement. Contractor's staff will be subject to security cleared as required by the Embassy.

Contractor shall restore all surfaces disturbed by construction to match with existing finish.

Any deviation from the original contract/scope of work shall be informed to COR before work begins. No additional work or changes will be carried out without a contract modification.

2. Responsibilities of Contractor

Contractor shall be responsible for procuring, supplying, transporting, and providing all labor, materials, tools and plant and equipment etc., required for completion of the work in all respects and as per the scope of the work.

All expenses towards mobilization at site and demobilization including bringing in equipment, workforce and materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in the rates quoted by the contractor against various items of schedule of rates and no separate payment on such expenses shall be entertained.

Contractor shall employ and provide one full time engineer to supervise the project and has experienced of carrying out such type of work.

Contractor shall not proceed with next activity until previous activity will be checked and approved by COR. Contractor shall mentioned all inspection dates in the schedule chart

Contractor should keep the site clean and accessible to Embassy employee all time

3. Specifications

Work under this contract shall be carried out strictly in accordance with specifications attached and will meet US and Local codes.

4. Execution of Work

The Contractors are advised to review the material specifications and scope of work. The Contractor should visit and walk through the site to familiarize themselves with the site conditions to understand the exact quantum of work.

On award of the work, Contractor shall submit all items below via email:

- a. <u>Bar chart</u> within 3 days for approval by the Contracting Officer Representative (COR). All dates and time schedule agreed upon should be strictly adhered to. Contractor shall notify the COR in advance regarding anticipated problems through the project.
- b. Proposed start date
- c. <u>Weekly schedule/activity plan</u> for the duration of the project *prior to the start date*.

For dismantling/blocking or making connection to any existing services or any shut-down, contractor shall inform the COR at least three working days in advance and proceed with the work only after the permission from the COR.

The duration of the project shall be 20 (Twenty) working days.

5. Materials

All materials used on this work shall be new and conforming to the contract specifications as per US and local codes.

Materials shall conform to the latest US Standards specifications as amended to date and carry certification mark. Contractor shall submit material samples and catalog for pre-approval.

All materials used on the project shall be approved by the Contracting Officer Representative (COR) before use. Any changes/substitutes on material shall be approved by COR before proceeding.

6. Storage of Materials

All materials shall be stored in a proper manner protected from natural elements so as to avoid contamination and deterioration.

7. Site Clearance and Cleanup

The Contractor shall clear away all debris and excess materials accumulated at the site and dispose of it away from Embassy premises, maintaining a neat site condition.

On completion of project, Contractor shall remove all surplus materials and leave the site in a broom clean condition.

8. Workmanship

Workers working on the site shall be skilled in their job and have related job experience.

9. Working Hours

Working hours shall be 8:30 A.M. to 4:30P.M Sunday to Thursday. No work shall be done on Fridays, Saturdays and holidays without the prior approval of the Contracting Officer.

10. Security Clearance

The Contractor shall inform and provide in writing transportation details (vehicle registration number, drivers name, and date of delivery) to the COR at least 24 hours in advance for material deliveries.

Contractor shall give workers names <u>at least 3 days in advance</u> to get the security clearance. All the workers shall have an official photo ID or photo ID with the company name on it.

11. Safety

Contractor is responsible and shall continue management and implementation of a safety and health program throughout construction.

The Contracting Officer and the Post Occupational Safety and Health Officer [POSHO] reserve the right to suspend work when and where Contractor's safety and health program is considered to be operating in an inadequate or non-complying manner.

Contractor shall provide all Personal Protective Equipment for the workers as per the requirement of the site. Work will be stopped in case the proper protection equipment is not found with the workers and the lapse of time shall be at the Contractor's expense.

Contractor will not leave the work site in an unsafe condition or any other condition that might cause injury to personnel, damage to existing work, plants or equipment.

Contractor will use all safety gadgets e.g. hard hats, cotton gloves and goggles as required on site to avoid the accident.

Any equipment or work considered dangerous shall be immediately discontinued.

11. Warranty

The contractor shall guarantee that all work performed will be free from all defects in workmanship and materials and that all installation will provide the capacities and characteristics specified. The contract further guarantees that if, during a period of three years from the date of the certificate of completion and acceptance of the work, any such defects will be repaired by the contractor at his expenses.

CMR- service area Bathroom BOQ

	Item	count	unit	unit cost	Total Cost
1	Mobilization	1	job		
2	demolition	1	job		
3	wall tile works	20	m2		
4	floor tile works	3	m2		
5	Gypsum works	3	M2		
6	bathroom fixtures as specified in the SOW	1	job		
7	plumbing works as specified in the SOW	1	job		
8	electrical works as specified in the SOW	1	job		
9	glass blocks works as specified in the SOW	1.2	m2		
10	Aluminum door 2m X 1 m.	2	m2		
11	Aluminum window	0.1	m2		
12	Painting	3	m2		
13	Miscellaneous works	1	Job		
	Total				